

Fig. 1

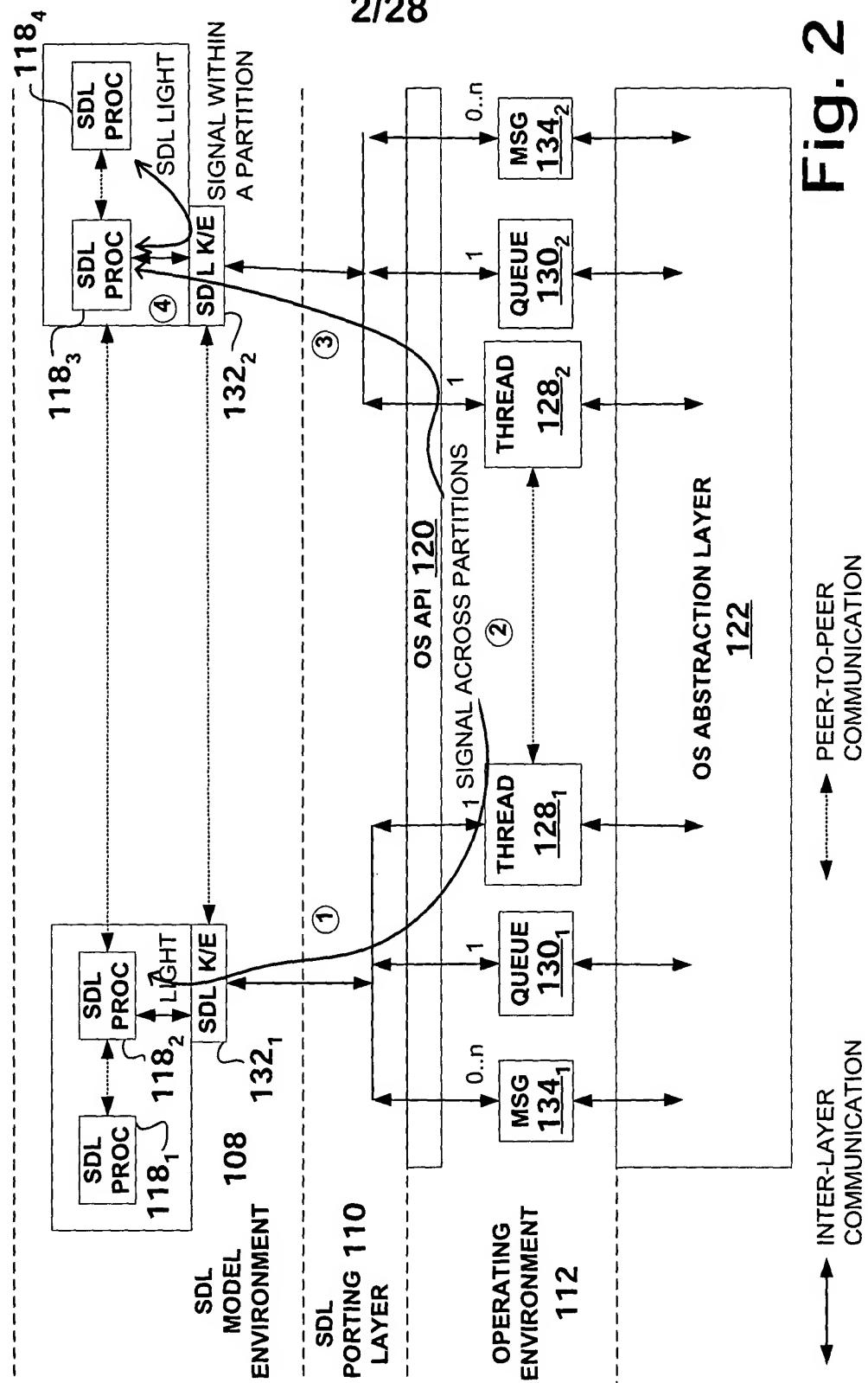


Fig. 2

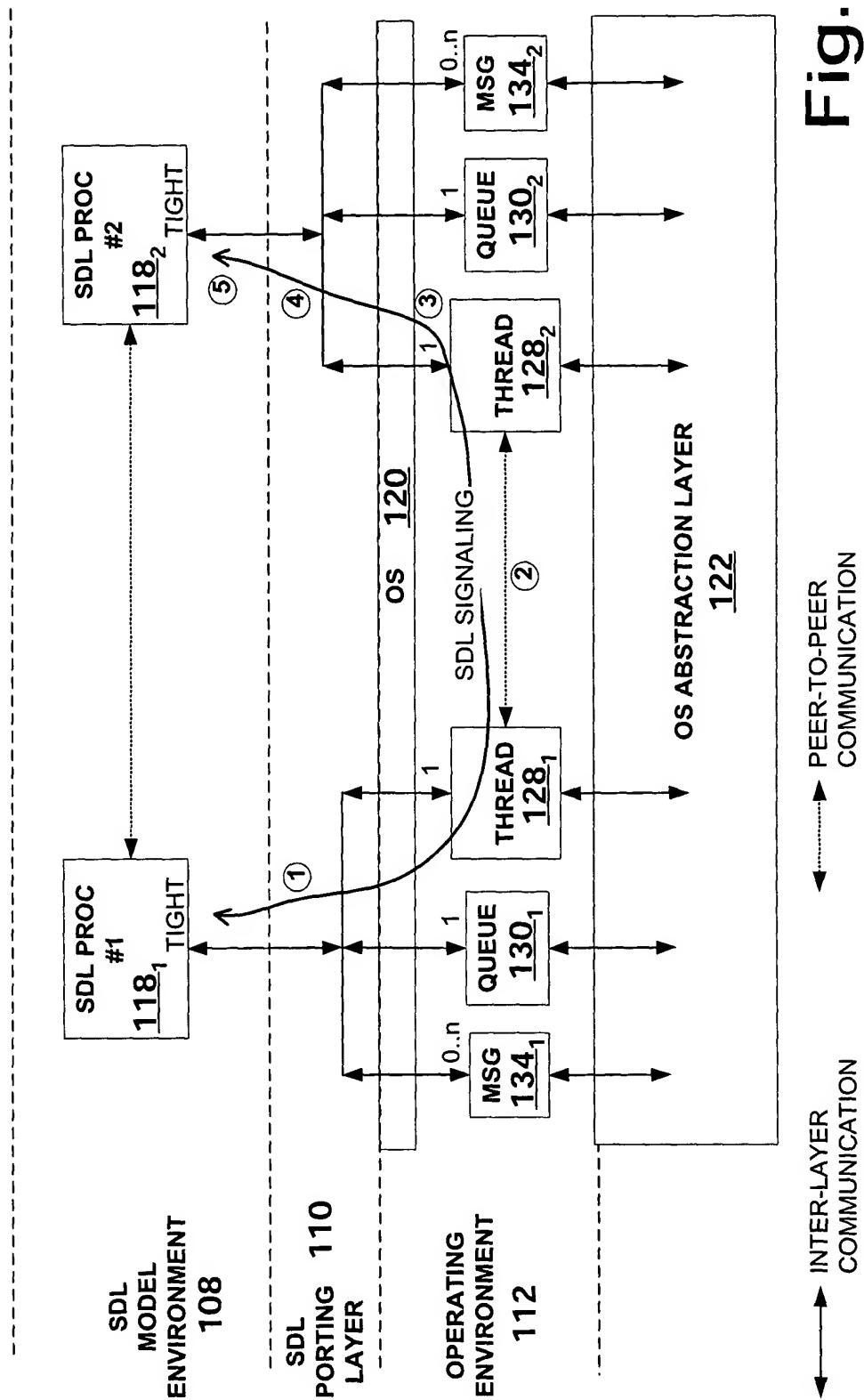


Fig. 3

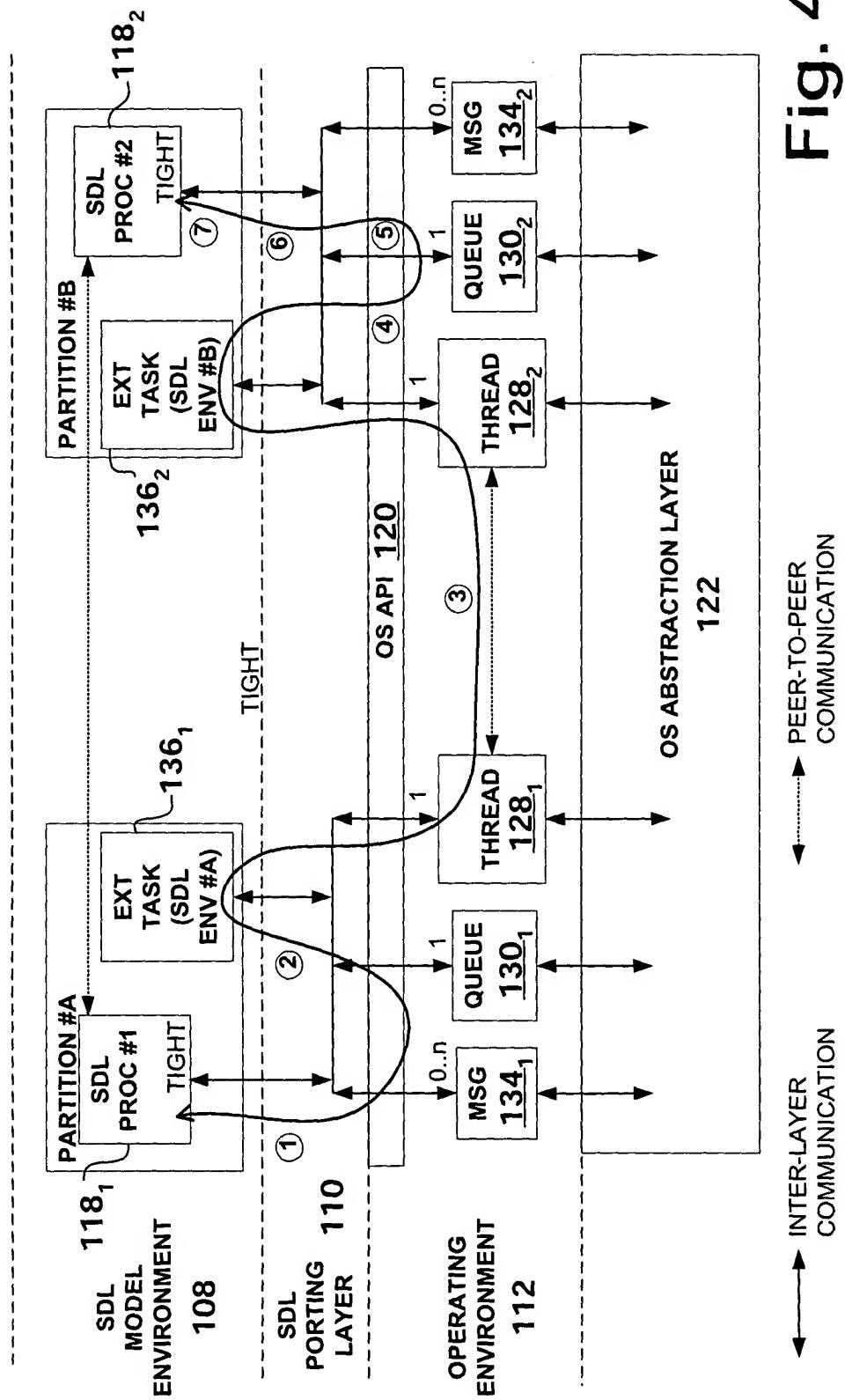


Fig. 4

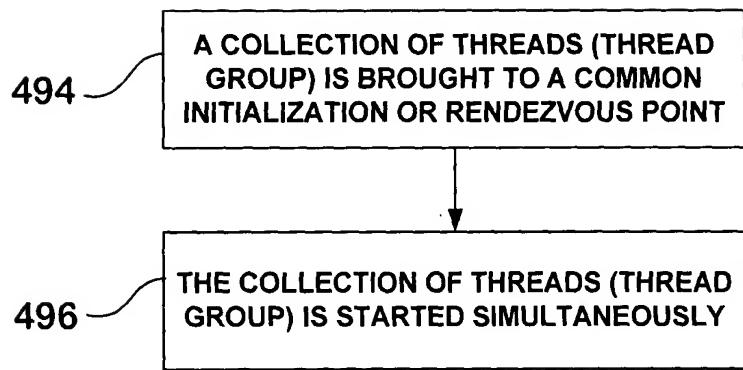


FIG. 5A

6/28

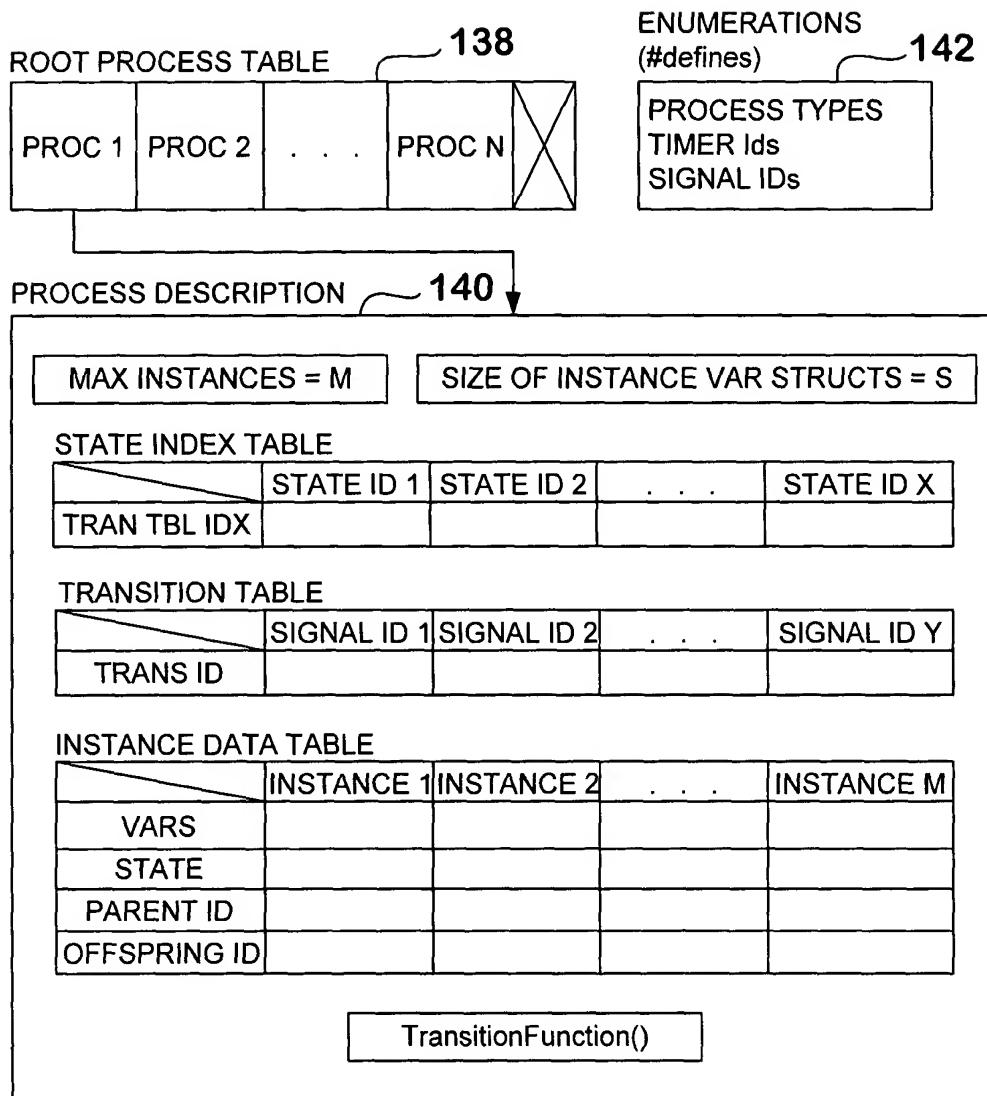


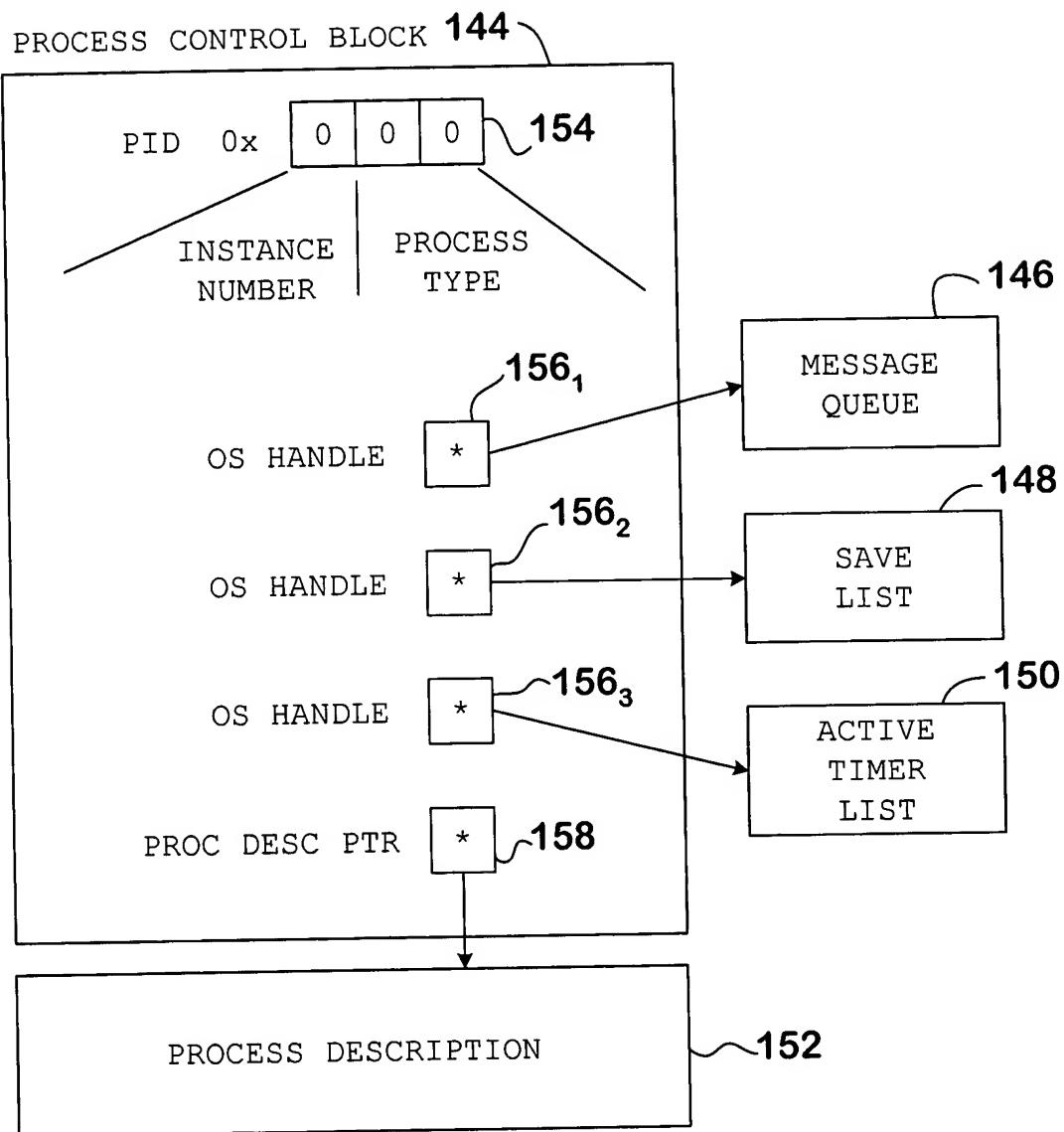
FIG. 5B

7/28

PROCESS ID	TRANSITION ID
0000	
FFFC	
FFFD	TIMER *
FFFE	ENV
FFFF	NULL
	0000 START
	0001
	FFFC
	FFFD DISCARD
	FFFE SAVE
	FFFF NULL

SIGNAL ID	STATE ID
0000	ASTERISK
0001	
FFFE	
FFFF	ASTERISK
	0000 ASTERISK
	0001
	FFFD
	FFFE DORMANT
	FFFF START

FIG. 6

**FIG. 7**

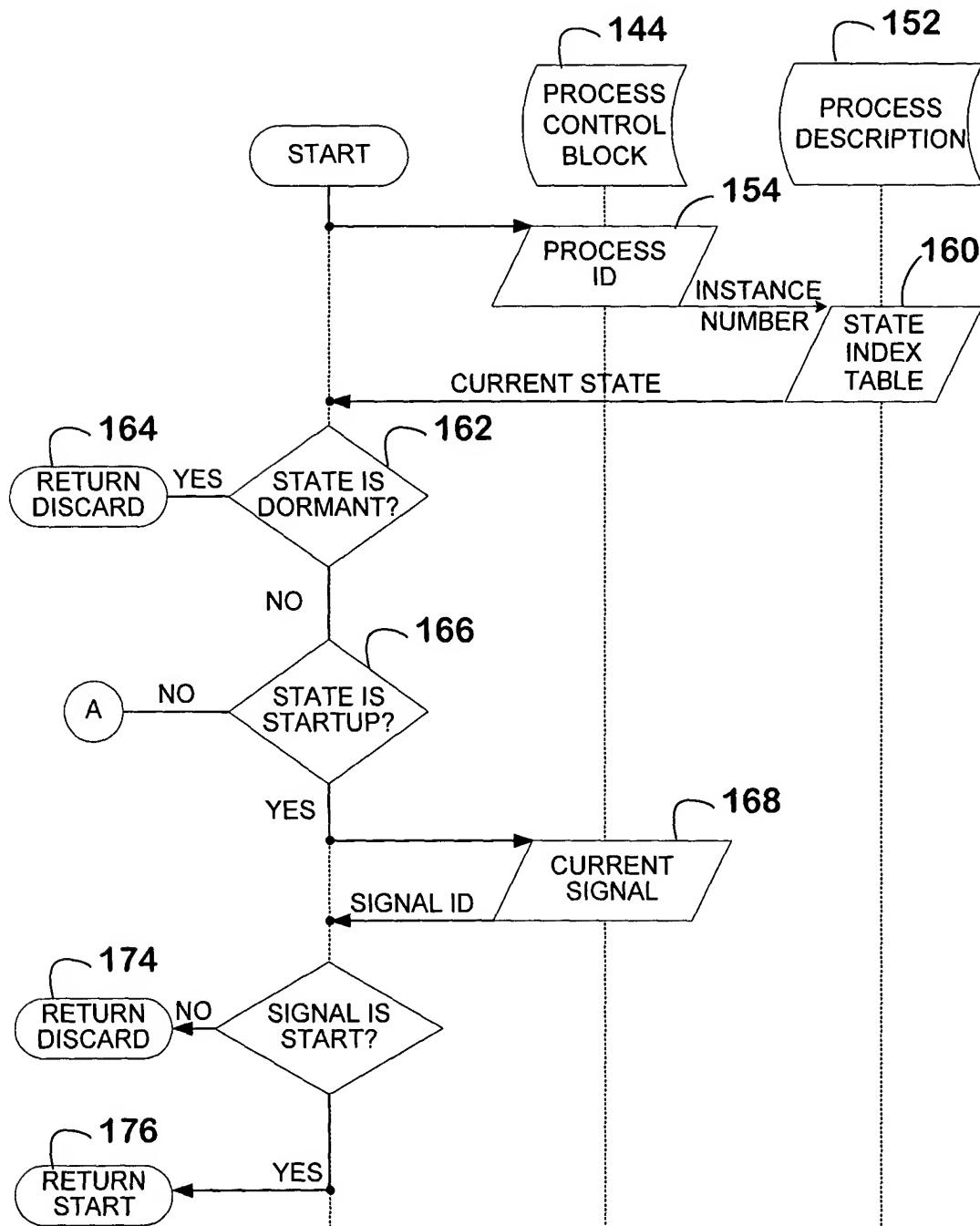


FIG. 8

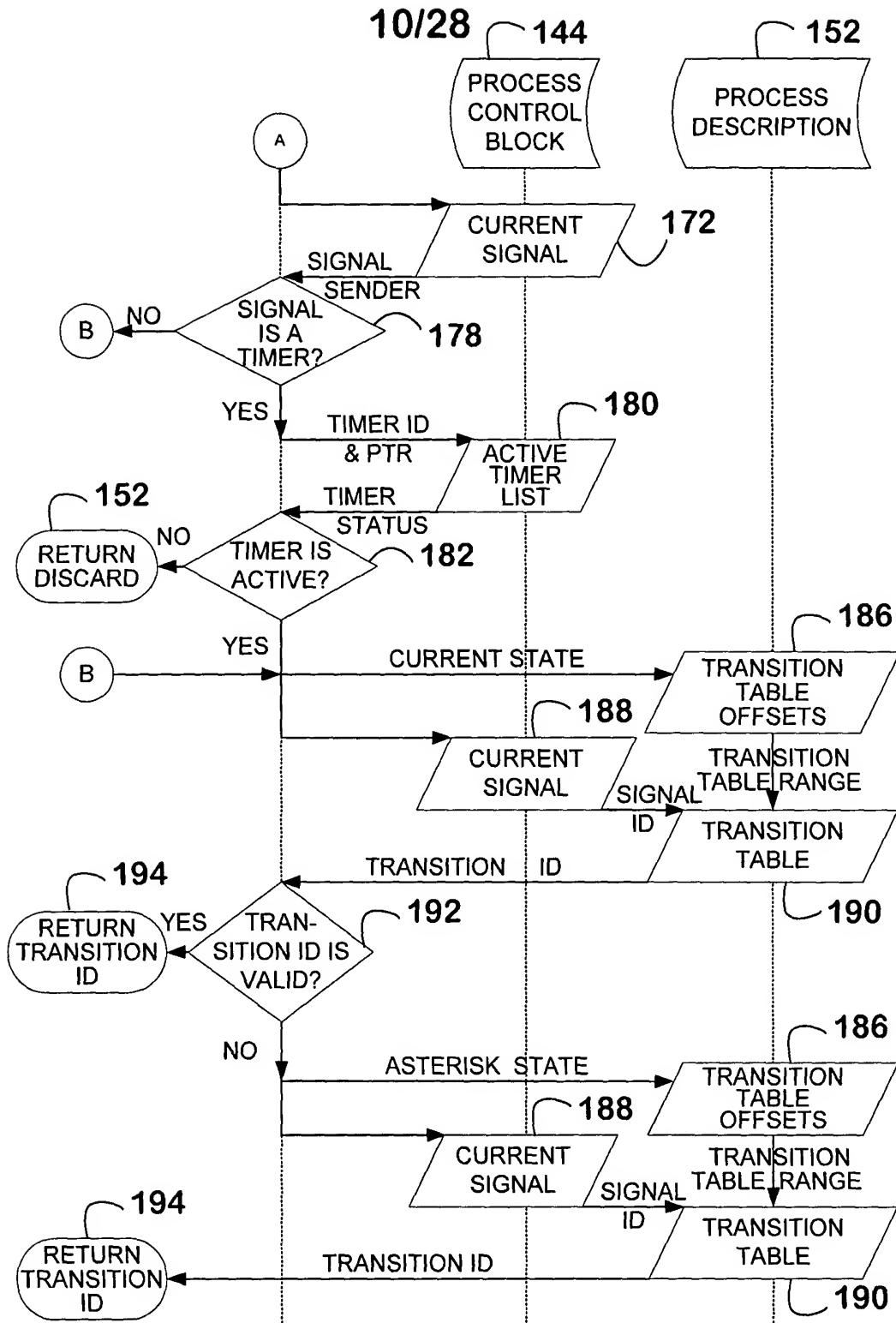


FIG. 9

11/28

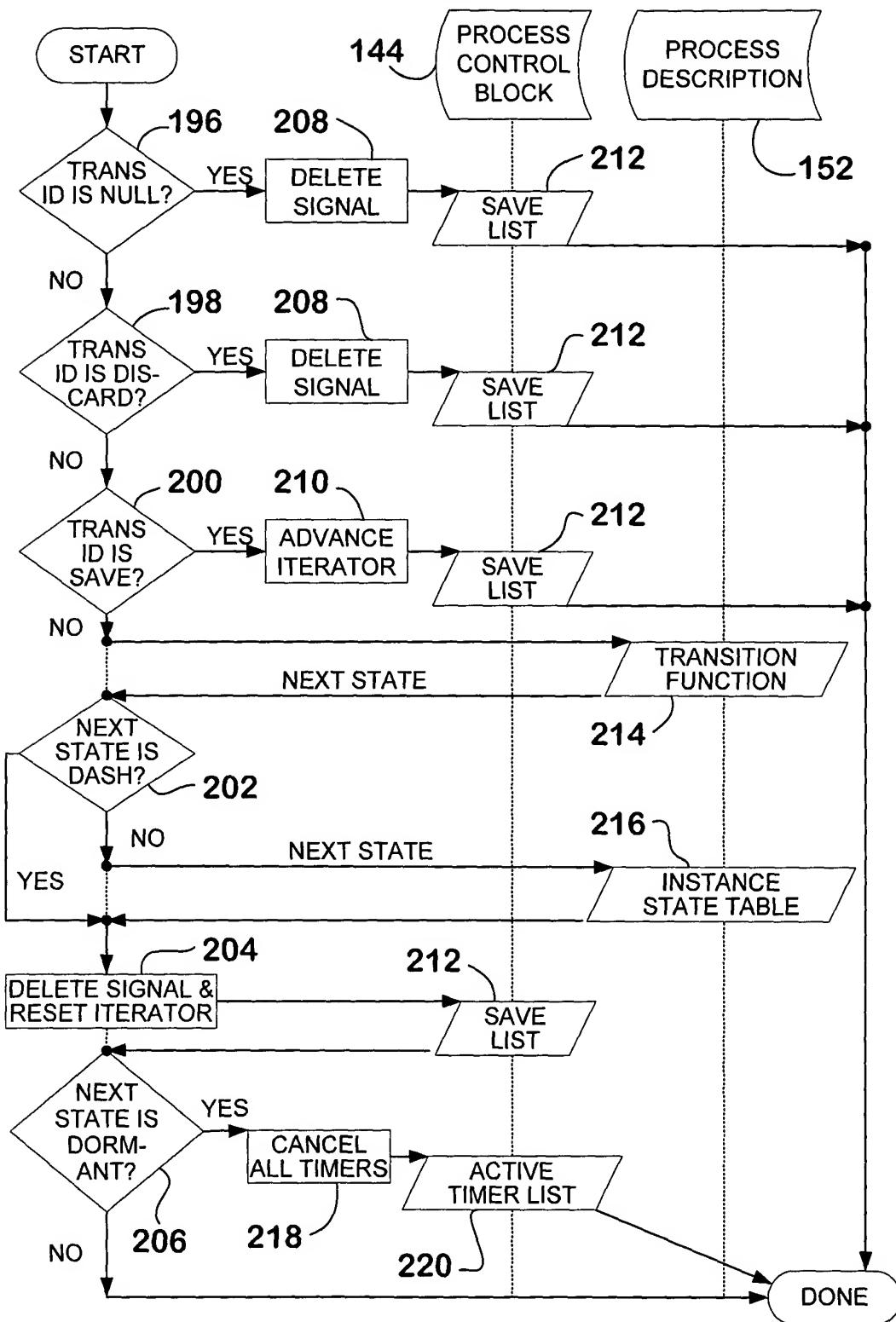


FIG. 10

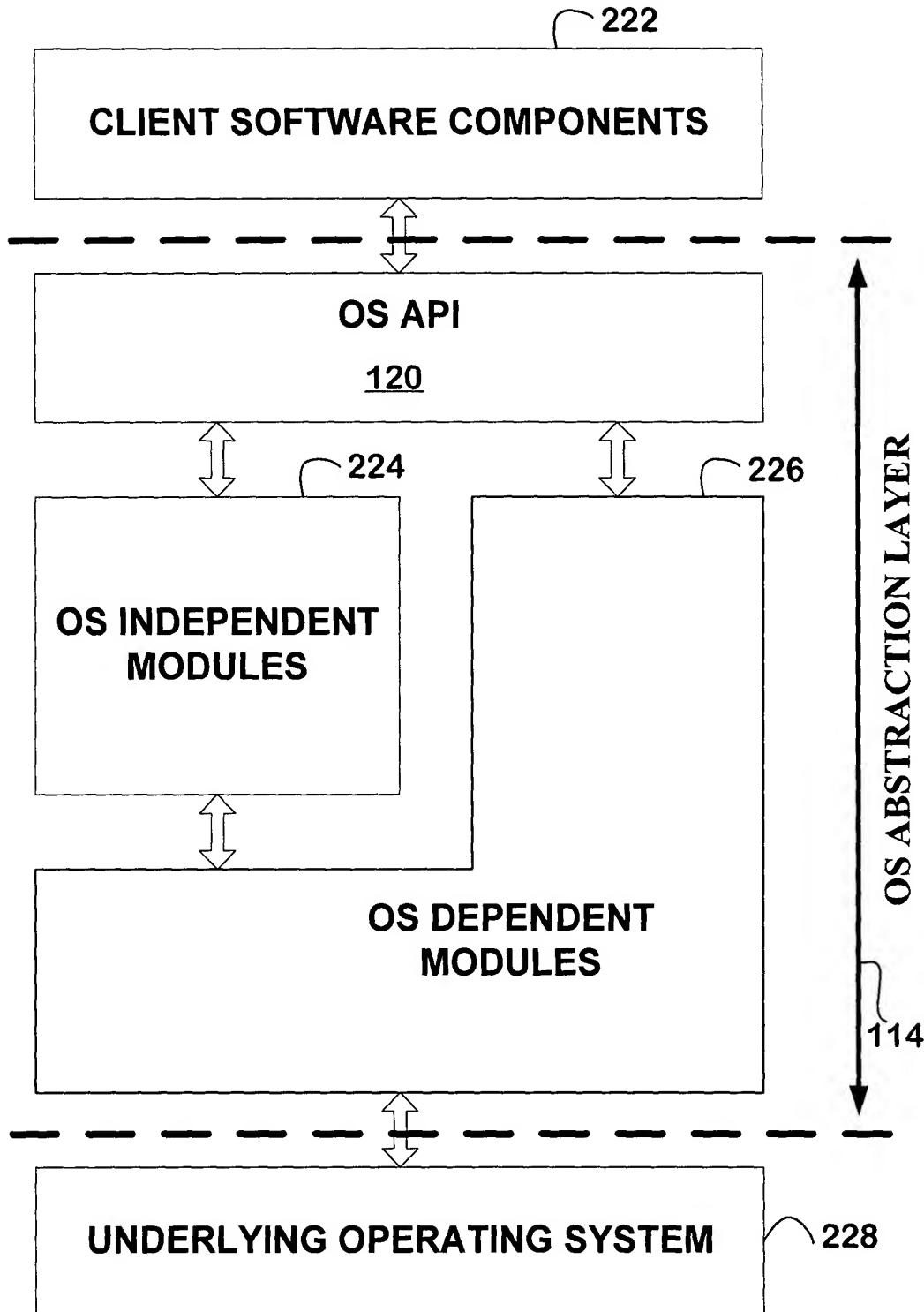


FIG. 11A

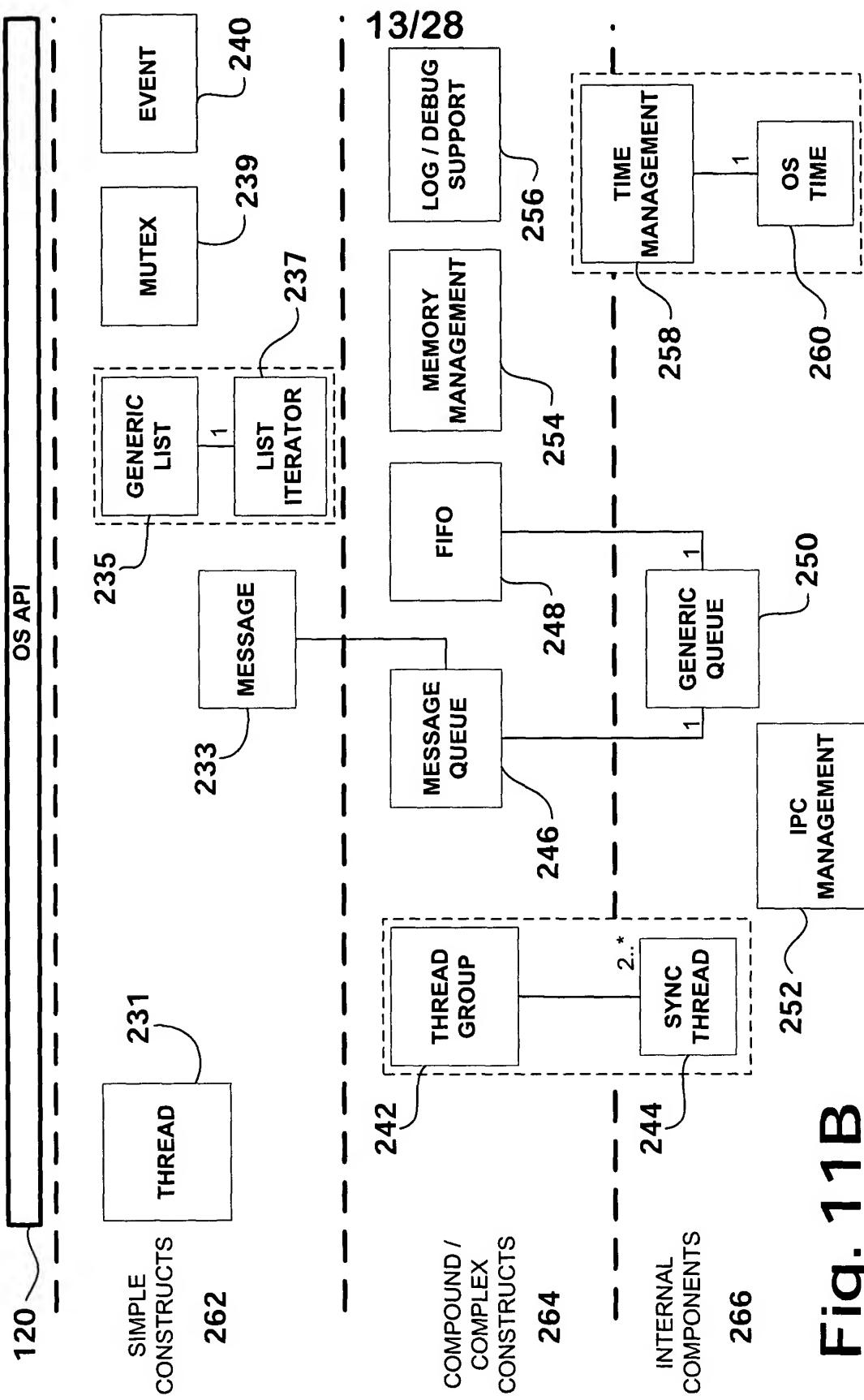


Fig. 11B

14/28

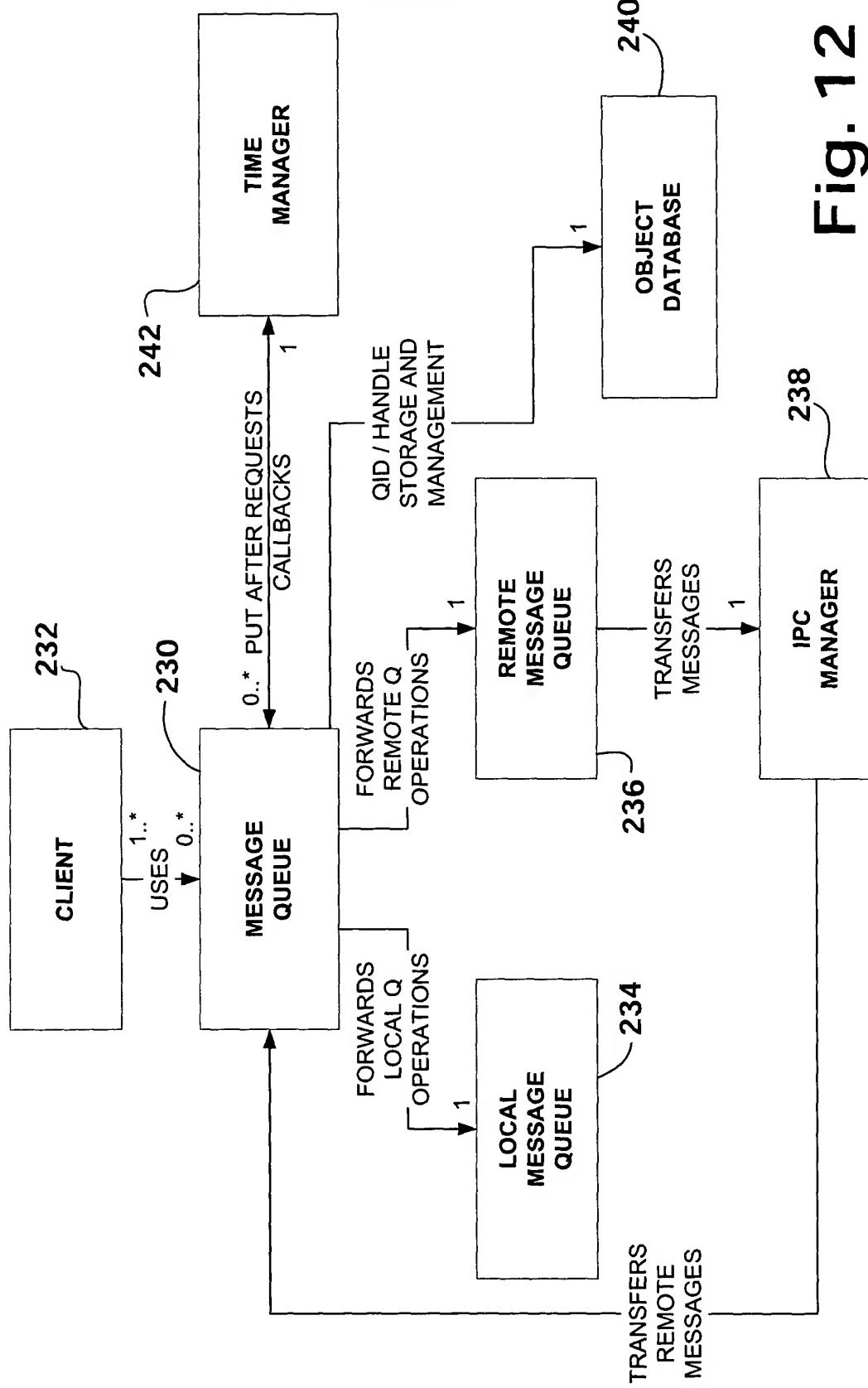


Fig. 12

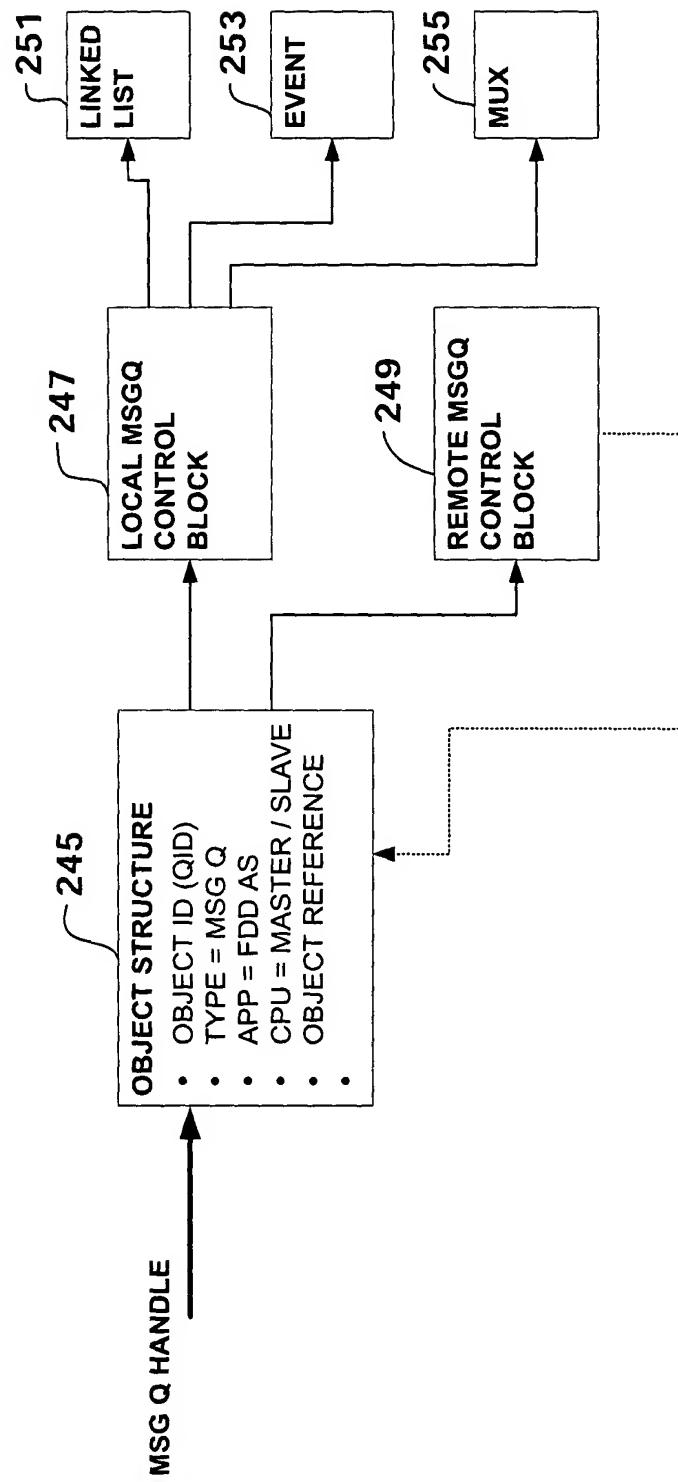


Fig. 13

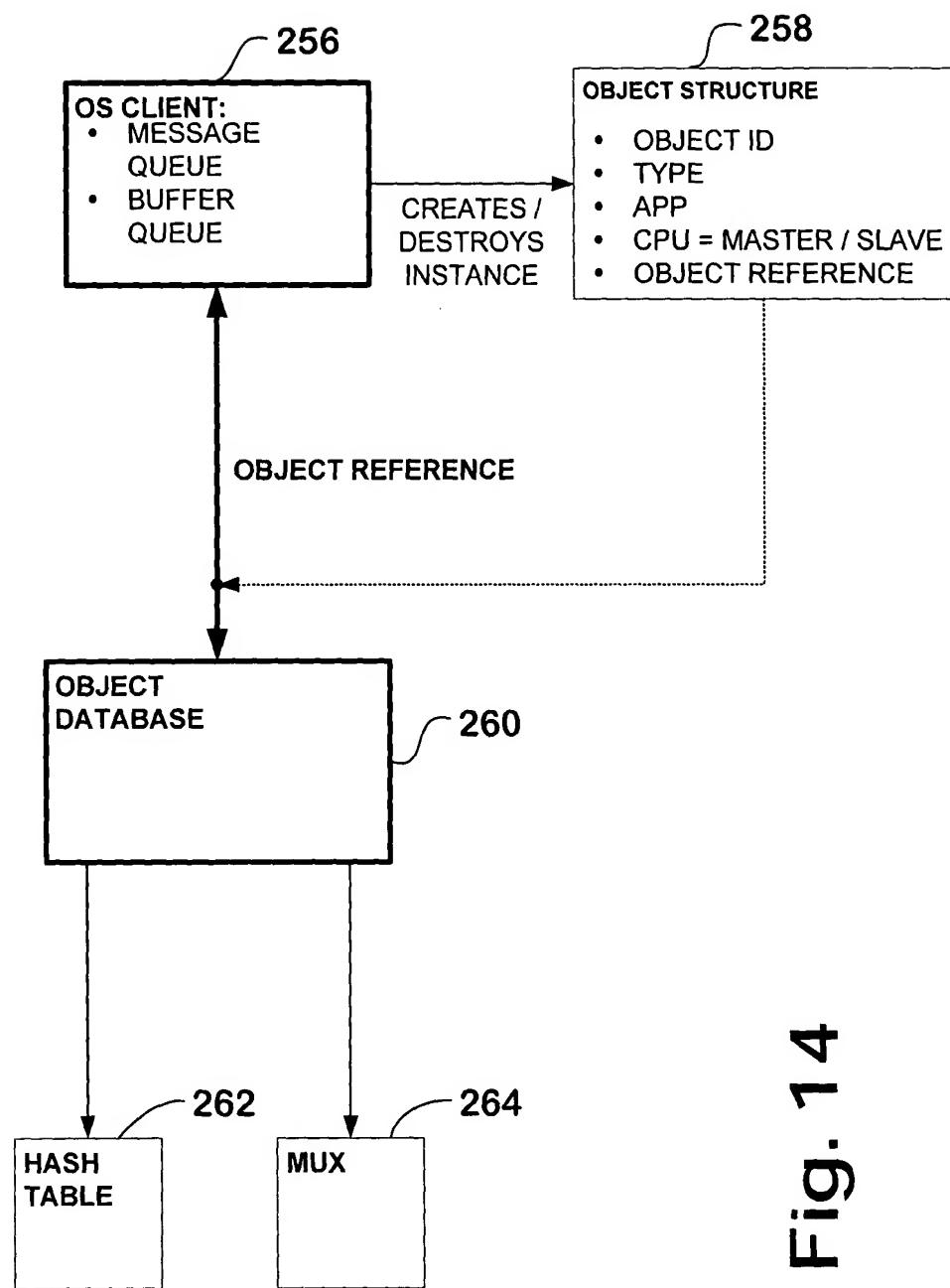
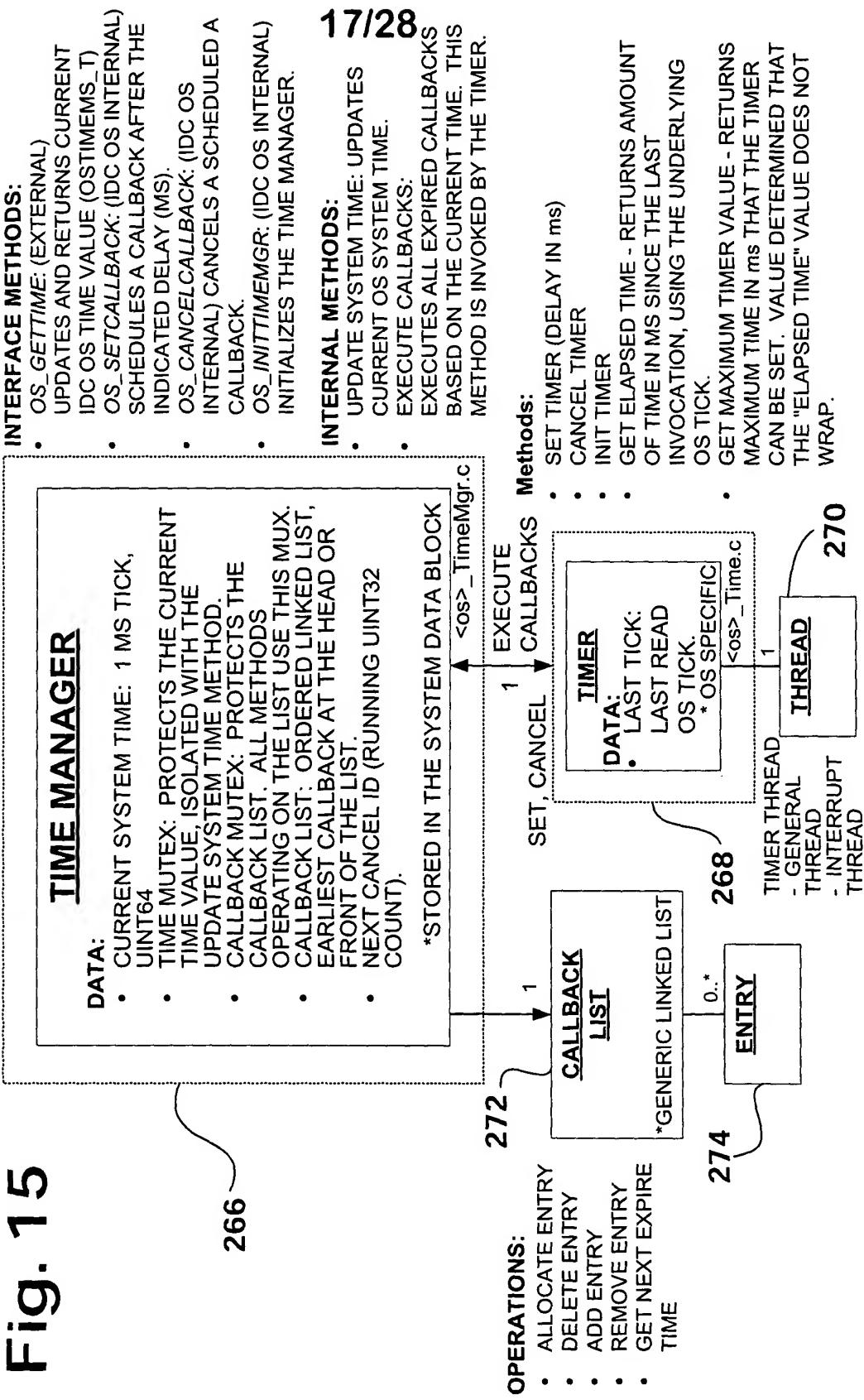


Fig. 14

Fig. 15



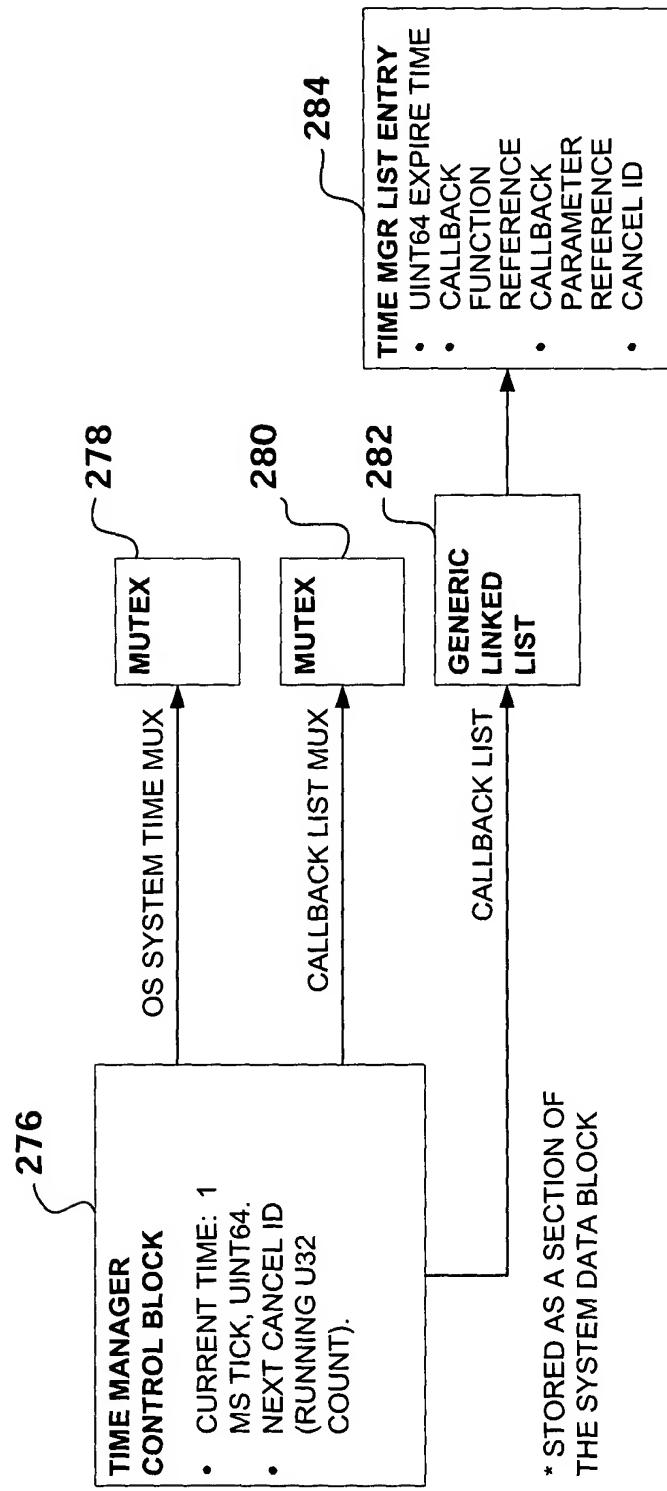


Fig. 16

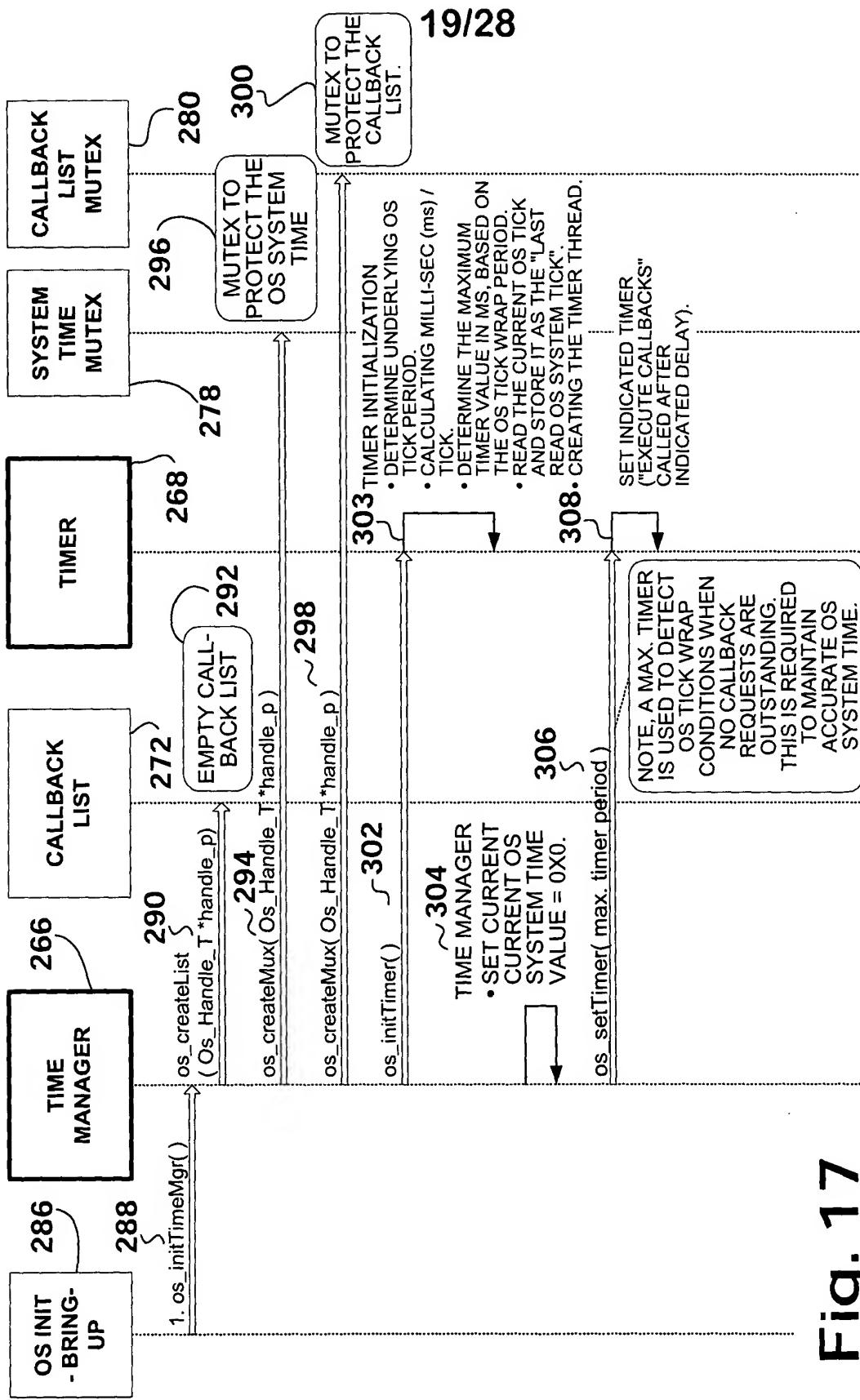


Fig. 17

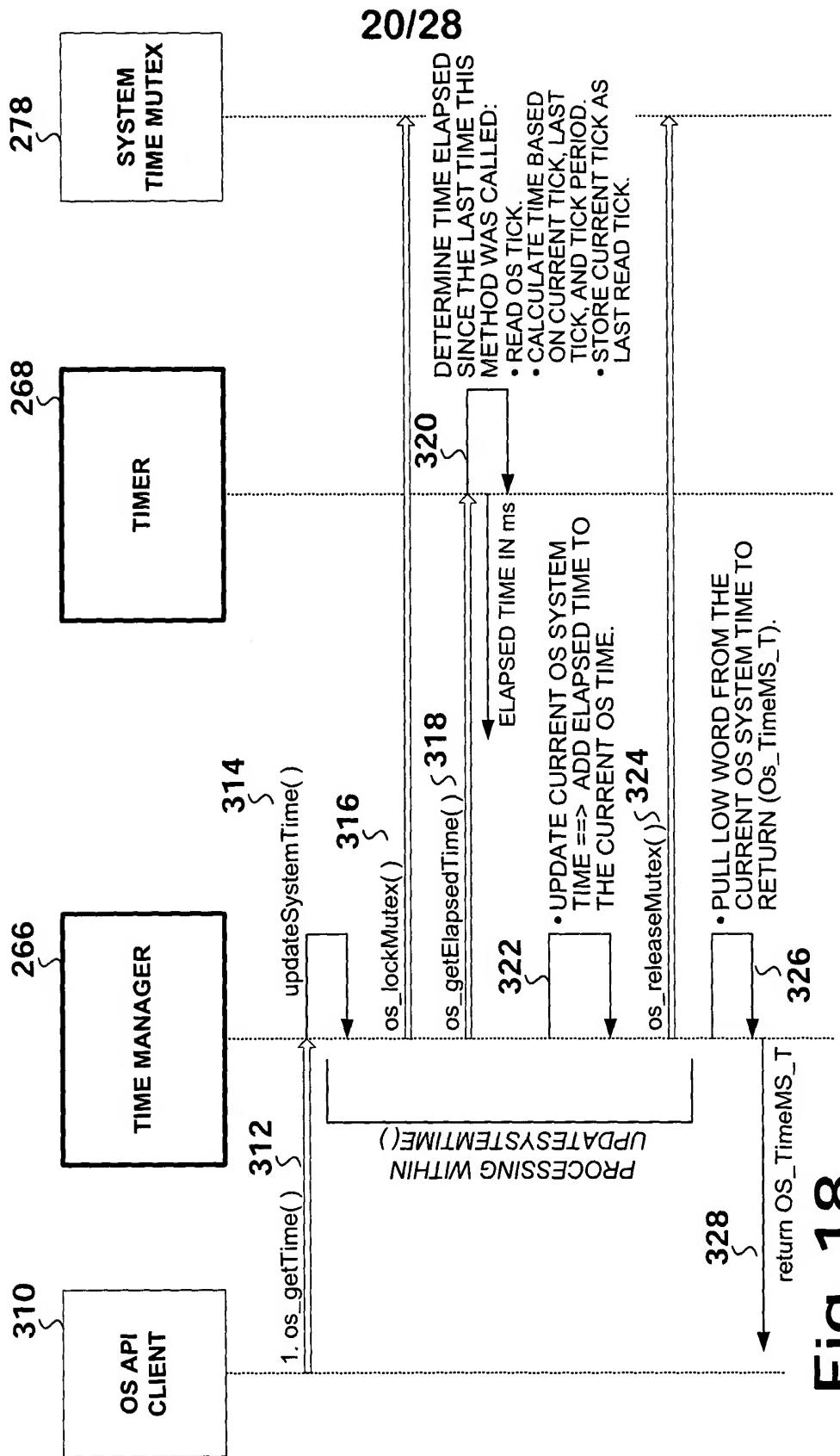
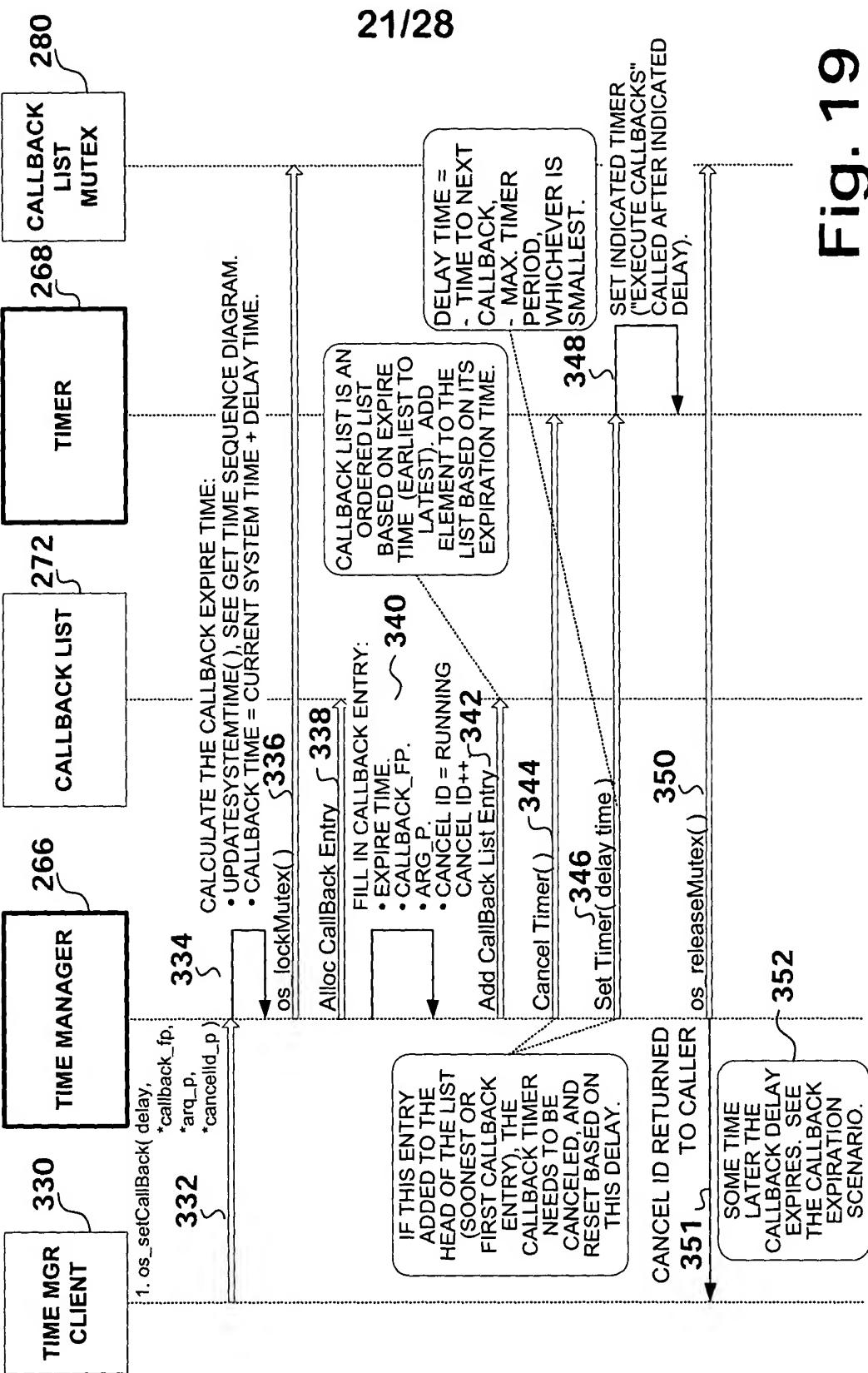


Fig. 18

Fig. 19



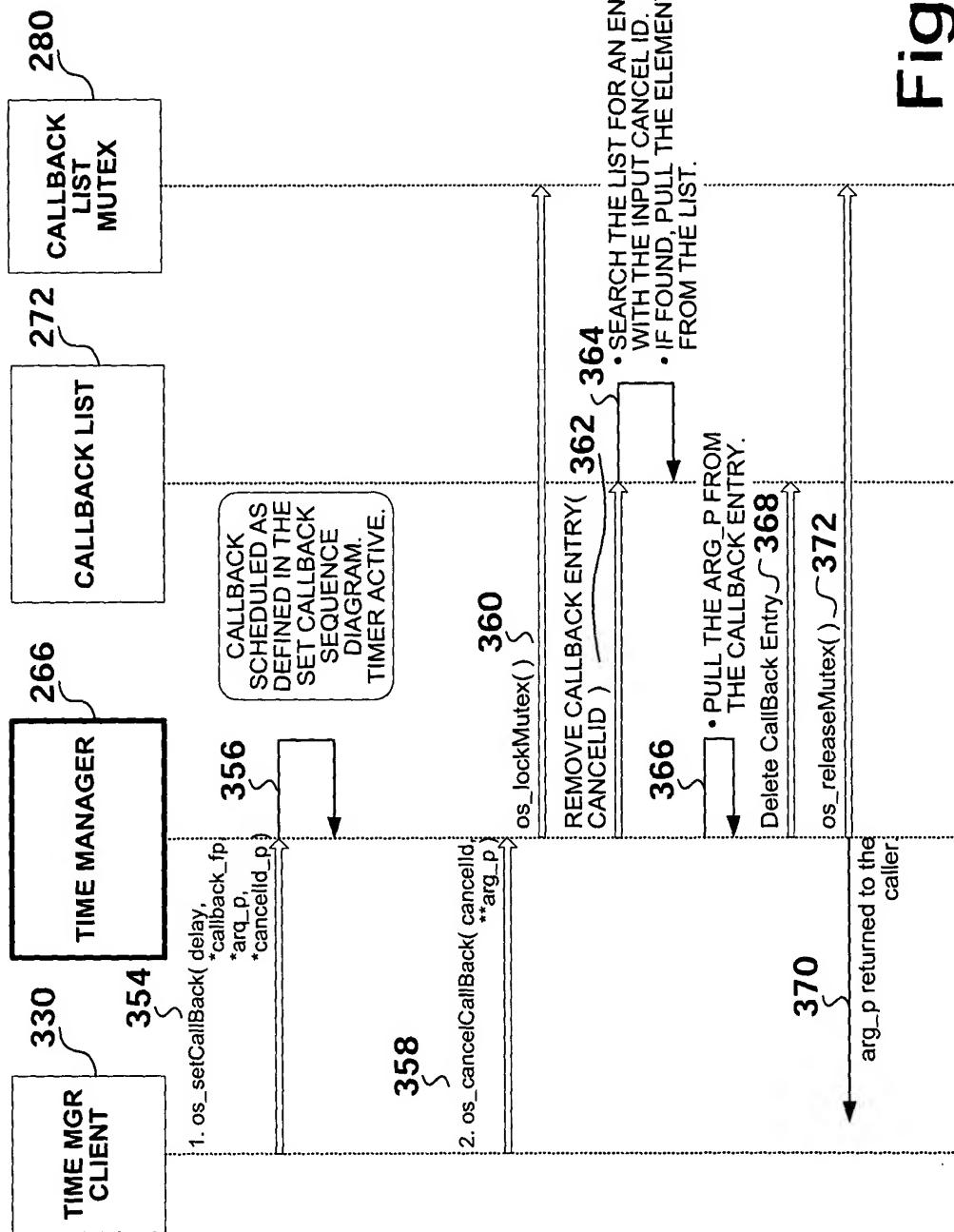


Fig. 20

23/28

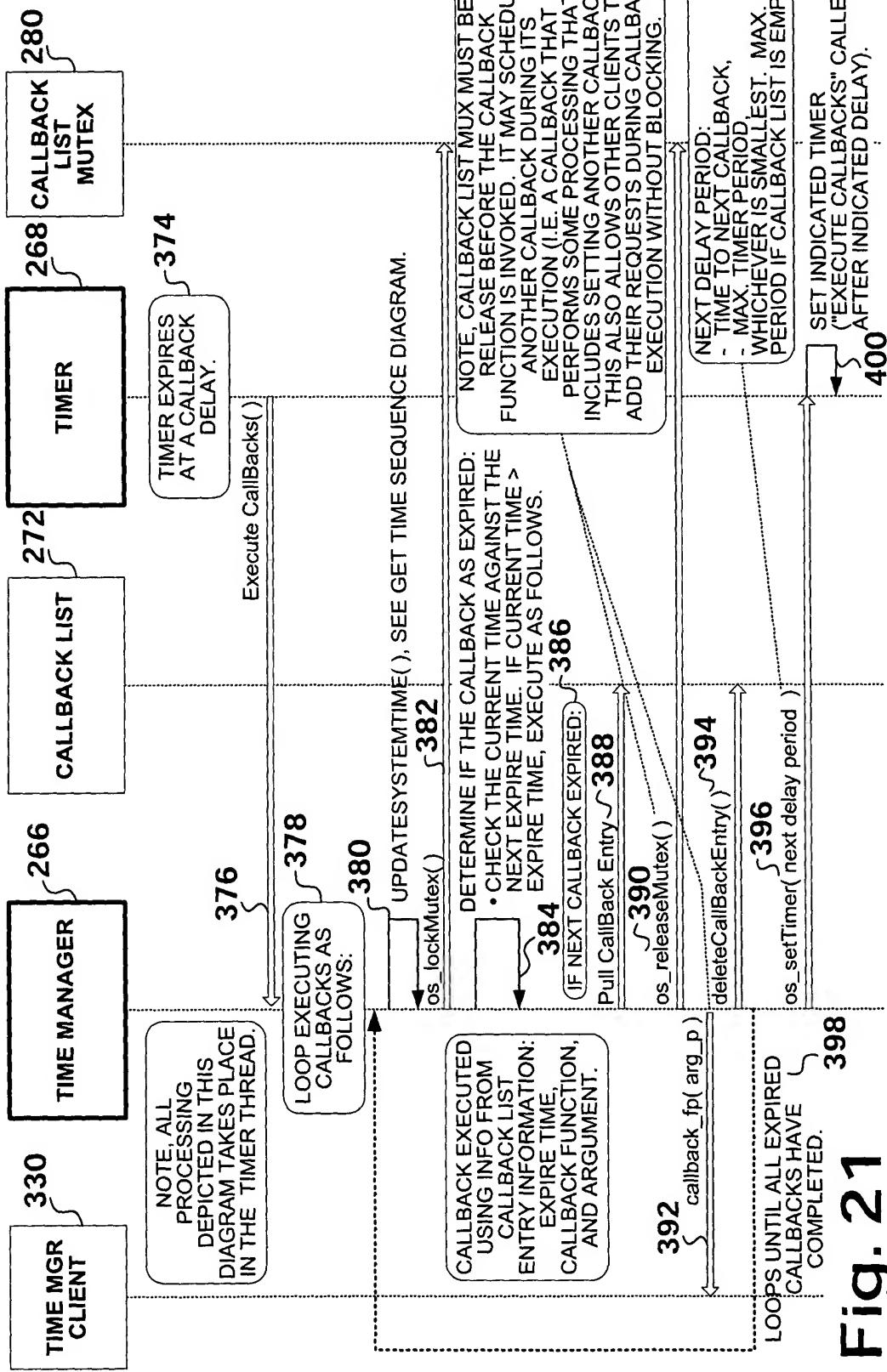
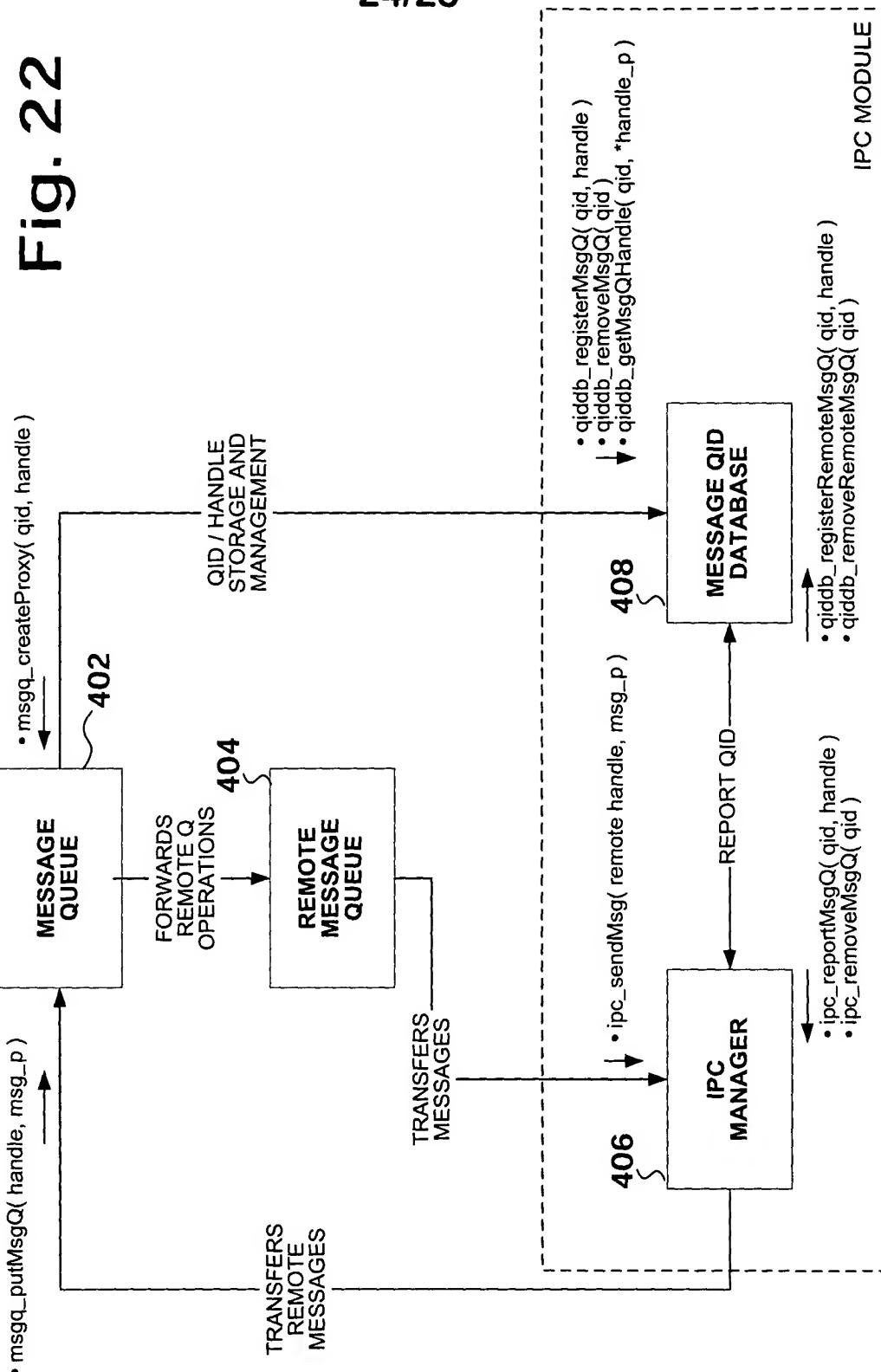


Fig. 21

Fig. 22



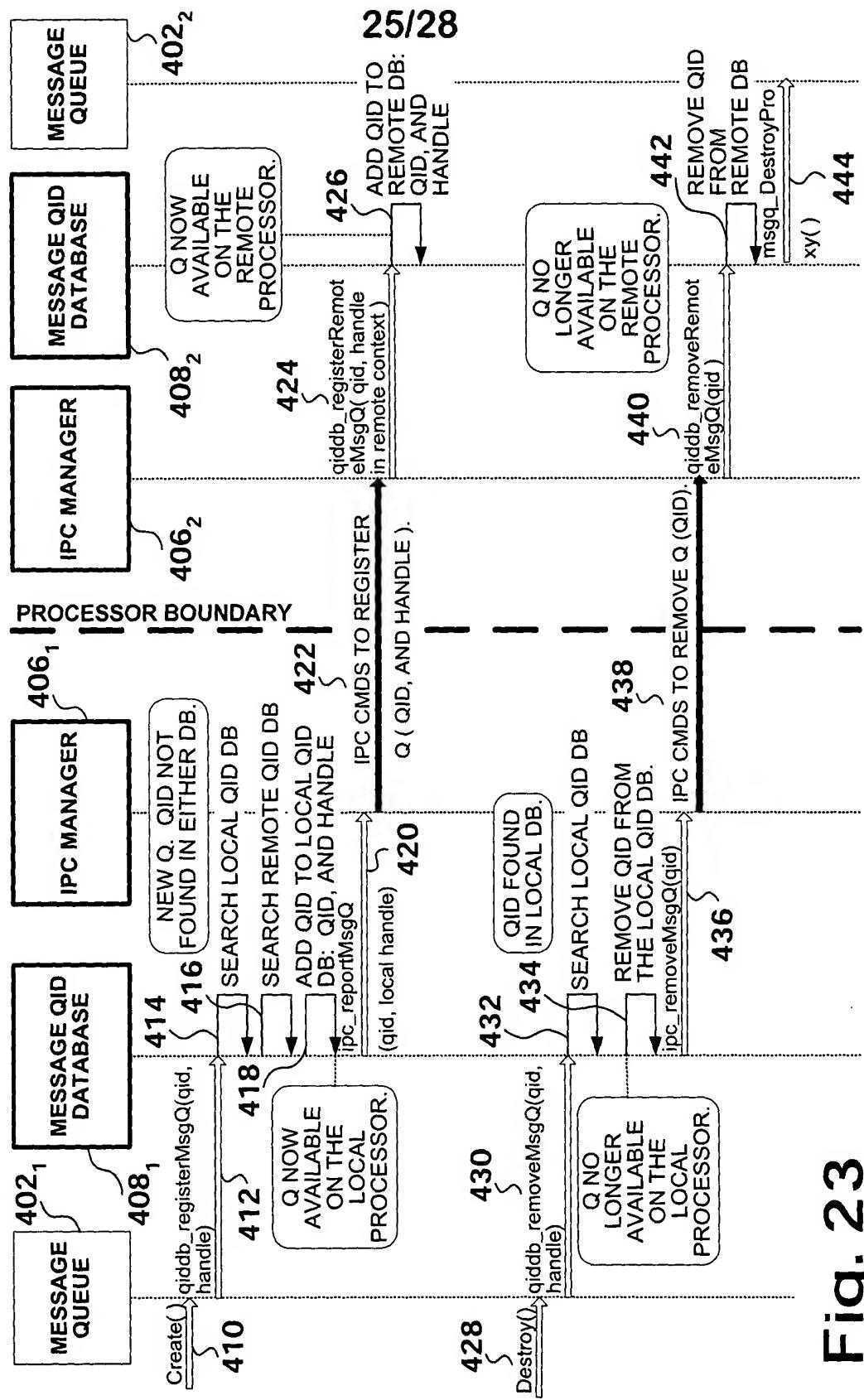


Fig. 23

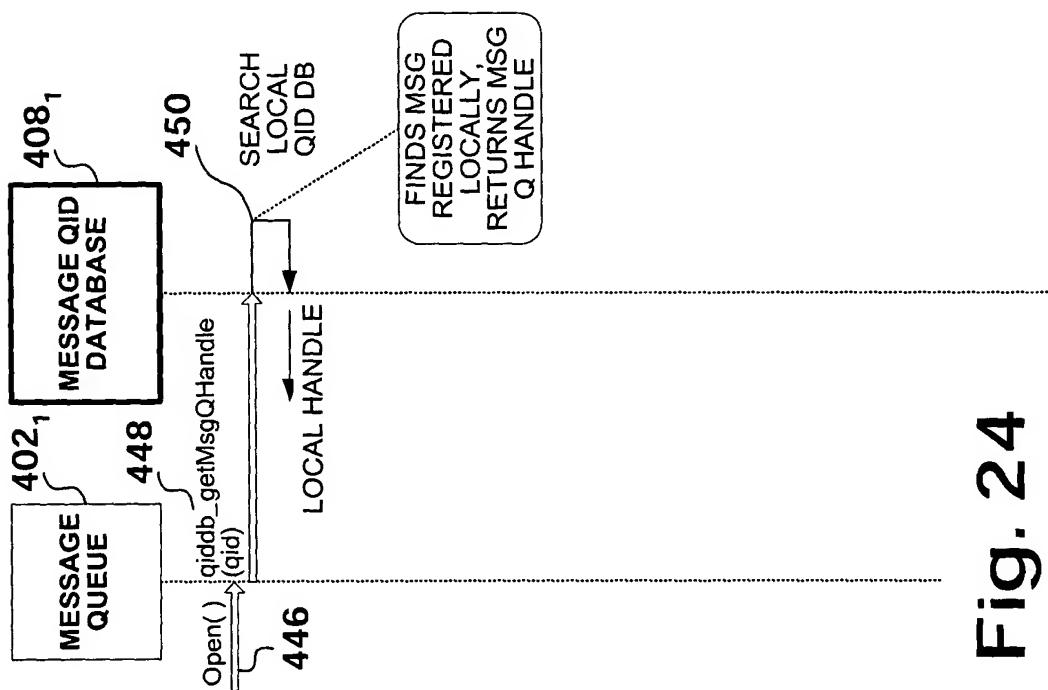
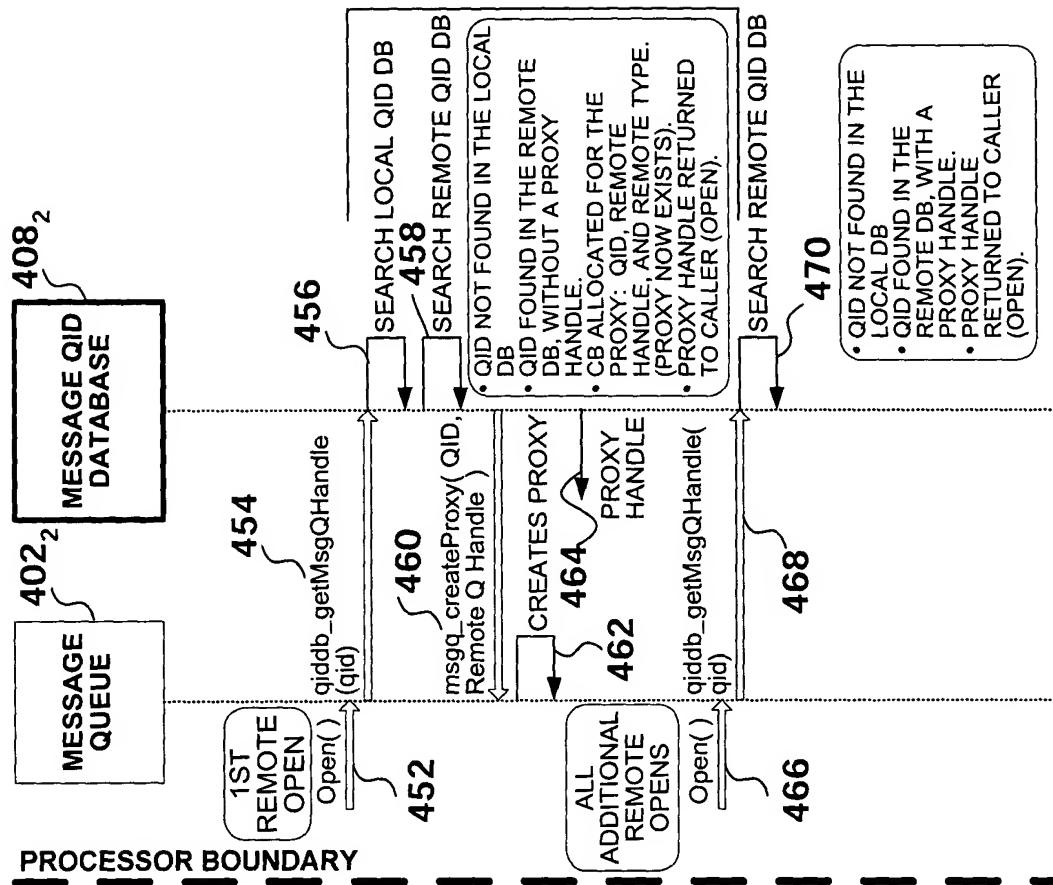


Fig. 24

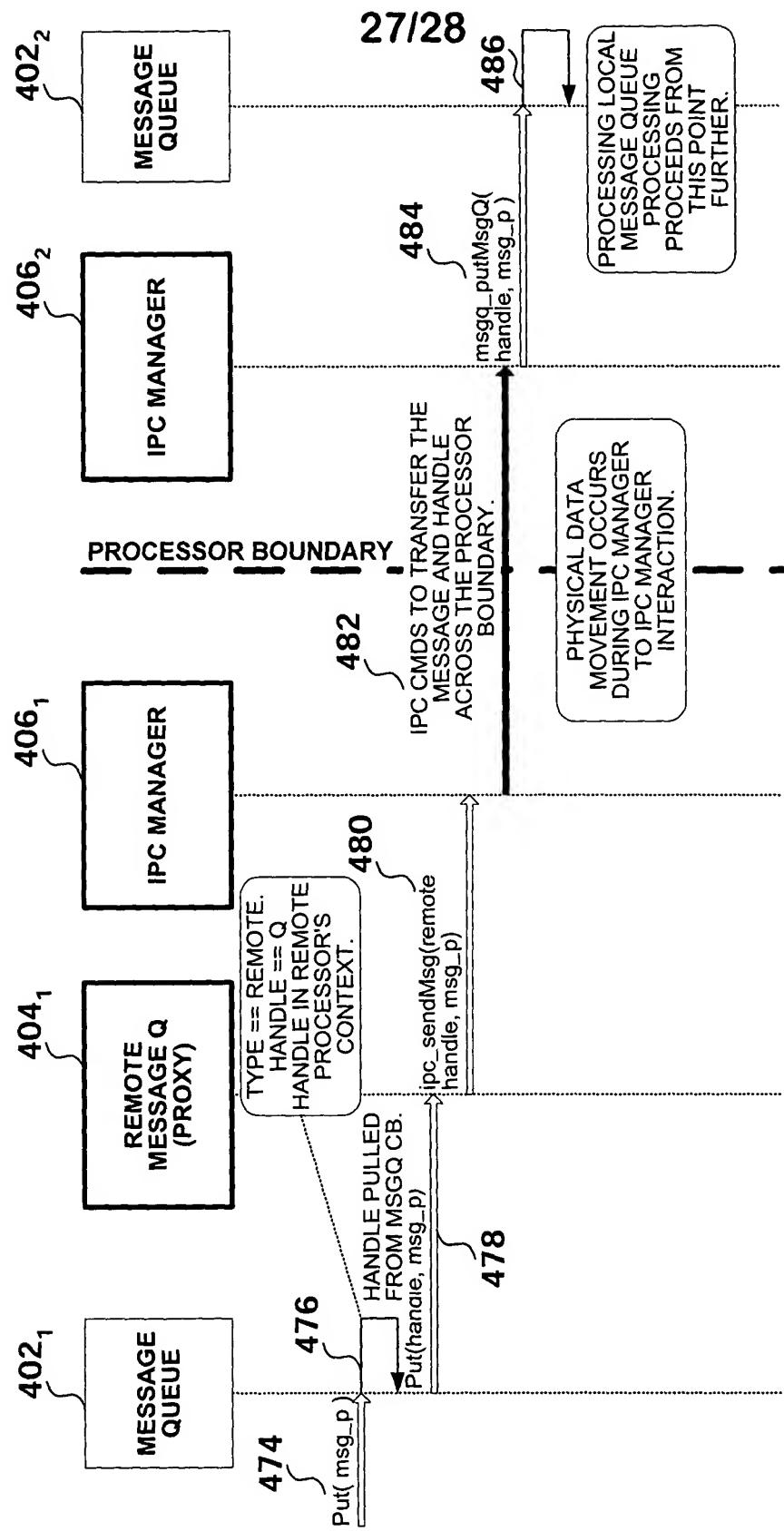


Fig. 25

Fig. 26

488

INTERFACE:

- MESSAGE QID
- DATABASE
 - qiddb_registerMsgQ(qid, handle)
 - qiddb_removeMsgQ(qid)
 - qiddb_getMsgQHandle(qid, *handle_p)

EXTERNAL CALLS:

- MSG Q
 - msgq_createProxy(qid, remote handle)
- IPC MGR
 - ipc_reportMsgQ(qid, handle)
 - ipc_removeMsgQ(qid)

28/28

490
LOCAL Q DB

492
REMOTE Q DB

LOCAL Q LIST

- DATA:
- QID - IDENTIFIES THE Q.
 - HANDLE - Q HANDLE.

REMOTE Q LIST

- DATA:
- QID - IDENTIFIES THE Q.
 - REMOTE HANDLE - Q HANDLE IN REMOTE PROCESSOR'S CONTEXT.
 - PROXY HANDLE - HANDLE TO THE Q'S LOCAL PROXY.

LIST OF MESSAGE QUEUES ON THE LOCAL PROCESSOR. POPULATED BY MESSAGE QUEUE MODULE IN RESPONSE TO Q CREATION / DESTRUCTION ON THE LOCAL PROCESSOR.

LIST OF MESSAGE QUEUES ON THE REMOTE PROCESSOR. POPULATED BY IPC MANAGER IN RESPONSE TO Q CREATION / DESTRUCTION ON THE REMOTE PROCESSOR.